Knight

Tank Fire Control System

This state-of-the-art Fire Control System is dual-axis stabilized. Super accurate fully computerized sighting/firing in both stationary and on-the-move conditions characterizes Knight as the leader in its field.

Key Features

- Line of Sight (LOS) stabilization
- Day/Night and all-weather observation
- Accurate range measurement
- Fully computerized
- Automatic Target Tracking (ATT)
- Coincidental firing
- Fast, accurate target identification and designation
- Advanced image processing
- Mechanical back-up
- Provision for Battle Management System (BMS)

Main components

- Dual-axis stabilized head mirror
- Eyesafe Laser Range Finder (LRF)
- Thermal imaging camera
- High Definition TV (HDTV) channel
- Display units (CRT & Flat Panel)
- Central computer
- Meteorological mast
- Dynamic cant angle sensor
- Gun Resolver
- Control panels
- Sensors

Modularity eases upgrade

- Specific modular units are combined into custom-made configurations to provide future upgrade capability even on a unit-by-unit basis, greatly reducing upgrade expense.

elop Electro-Optics Industries Ltd.

A Subsidiary of Elbit SYSTEMS Ltd

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Custom Tailoring
• ELOP has vast experience in anticipating customer needs and custom tailoring solutions for maximum cost-effectiveness.

Comprehensive System Solution
• ELOP offers integrated combat systems for almost all Armored Fighting Vehicles currently in service.
• Unique development programs are available for every level of performance sophistication.

ILS Provisions
• Test Equipment (TE)
• Technical manuals:
  - Operation
  - System
  - Maintenance
• Logistic support analysis
• Spare parts analysis
• All training requirements
• Tools

Note: Parameters may be altered to comply with customer specifications.
EL-OP - ElectroOptics Industries Ltd., reserves the right to make such alterations in design, dimensions, specifications, and manufacturing to ensure continual quality improvement.

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